

Manufacturer/Supplier:

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Product name: Rabbit anti-Histone H3 (DiMethyl K4) Antibody

Catalog: DL97683A

Synonyms: H3FT; Histone H3.1t; H3/t; H3t; H3/g

Immunogen: A synthetic methylated peptide corresponding to residues surrounding K4 of human Histone H3 (DiMethyl K4)

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity: Human, Mouse, Rat

Application: WB, IHC, IF/IC, IP, CHIP

Clonality: Polyclonal

Dilution: WB (1/500 - 1/2000),
IHC (1/50 - 1/200), IF/IC (1/50 -

1/200), IP (1/50 - 1/100), ChIP
(1/100 - 1/500)

Entrez Gene: 8290

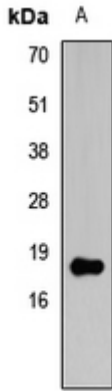
SwissProt: Q16695

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of Histone H3 (DiMethyl K4) expression in HeLa (A) whole cell lysates.

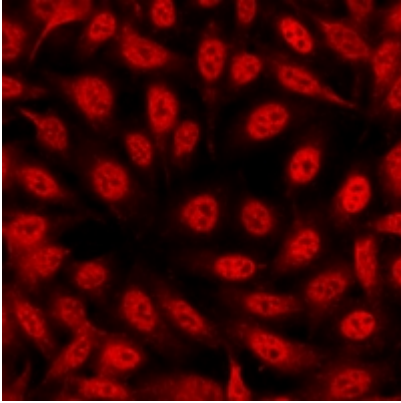


IHC description:

Immunohistochemical analysis of Histone H3 (DiMethyl K4) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of Histone H3 (DiMethyl K4) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with



IP description:

ChIP description:

Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.